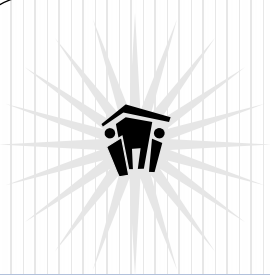
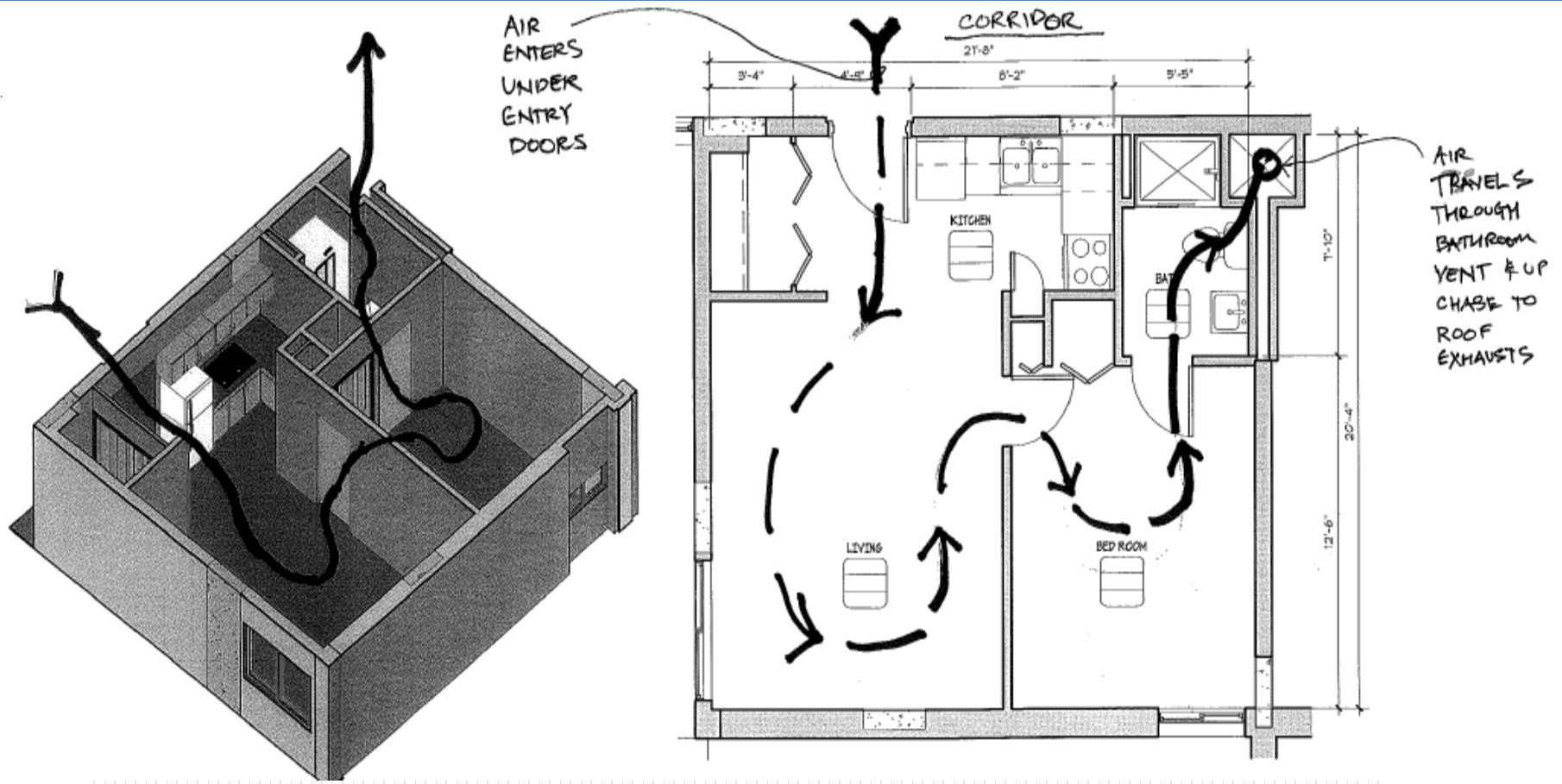
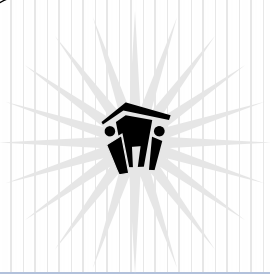


Air Flow in High Rise Apartments



Intended Air flow in Apartments- critical path for proper ventilation





Poor Air Flow contributes to:



Odors and Poor indoor Air Quality



High Humidity



Growth of Bacteria and Mold



Deterioration of Building Materials



Costly Repairs



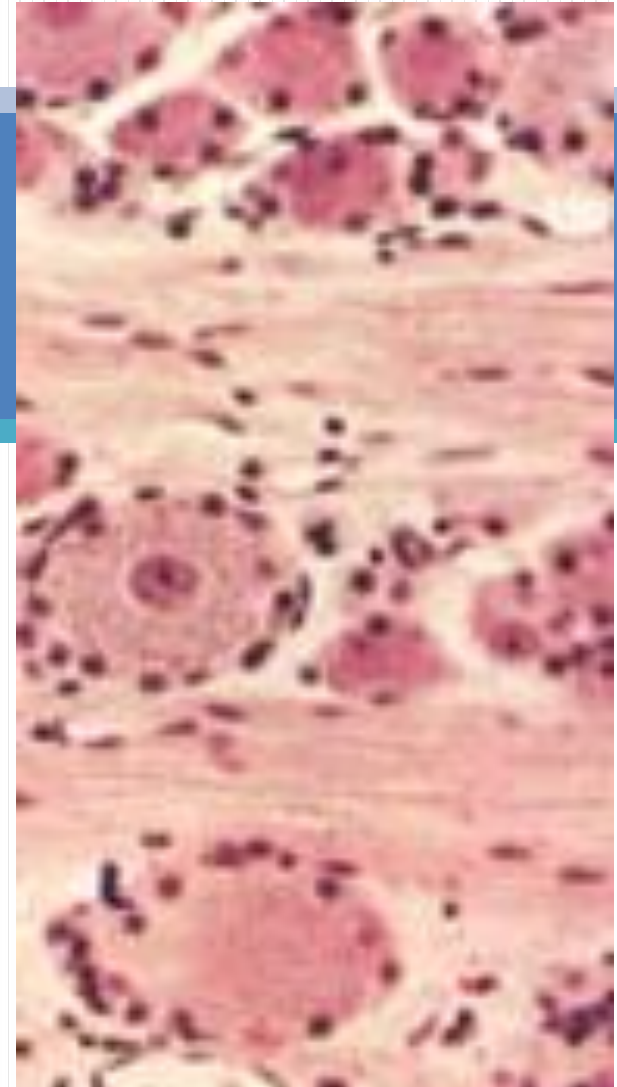
Lack of Compliance with Code —does not meet required Air Exchange rate

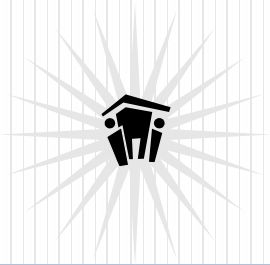


Environment that attracts bugs



\$ out the window—tenants opening windows in winter for ventilation





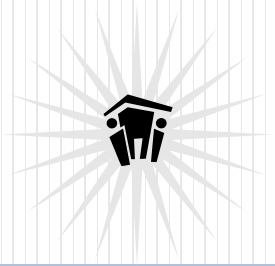
How air flow is blocked?



Rugs and Door Socks
under apartment
Entry Doors



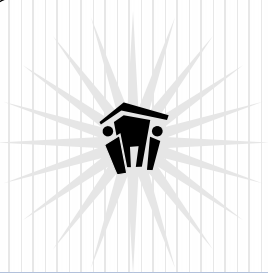
Covered
Bathroom Vents



How air flow is blocked ?

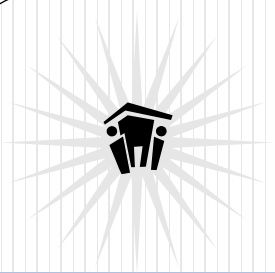


Clogged bathroom vents



Dust and debris found in Constant Airflow Regulators (CARs)





Lack of proper air flow contributes to the following problems:



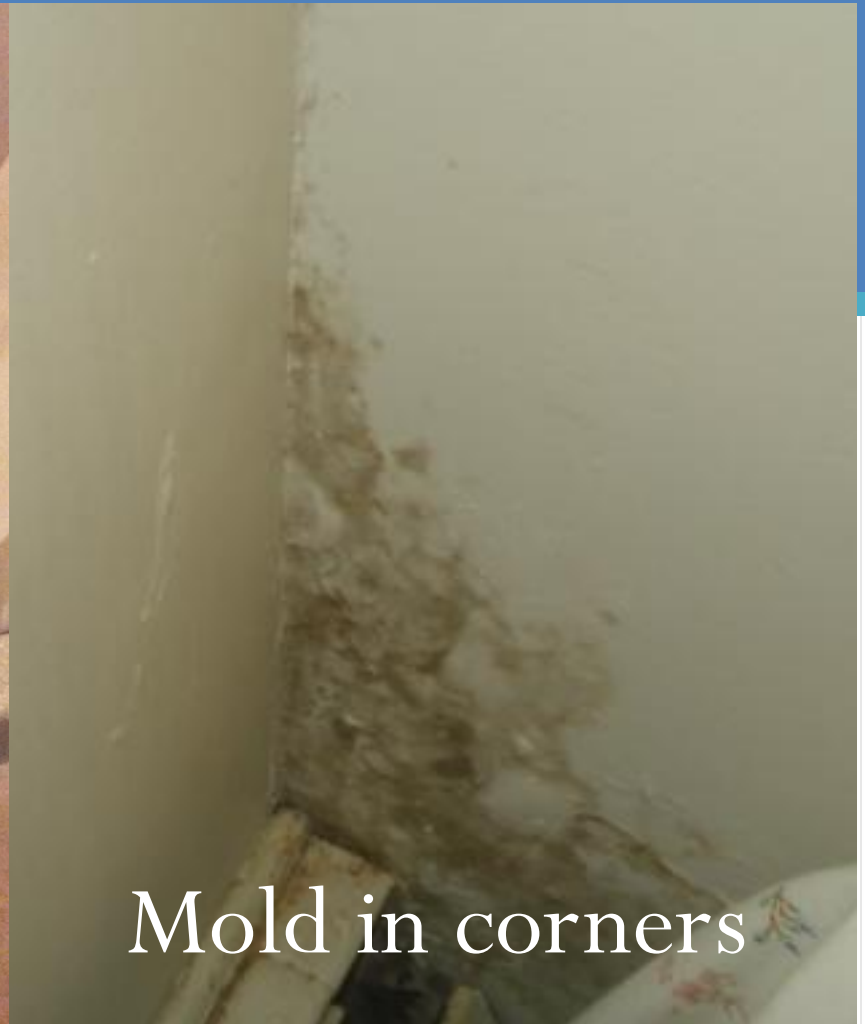
Mold on ceilings



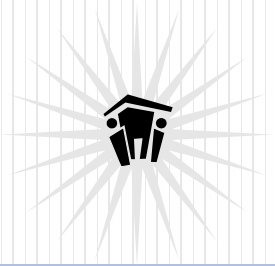
Mold on walls



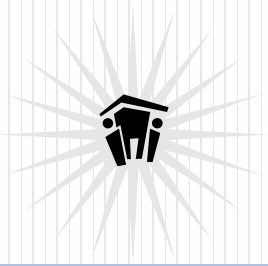
Mold in basins



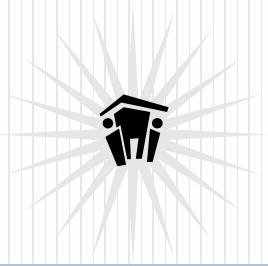
Mold in corners



Blistering of Plaster/ Peeling of Paint



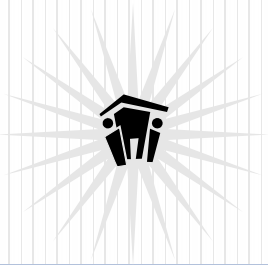
Warped and Delaminated Doors



Corrosion of
metals

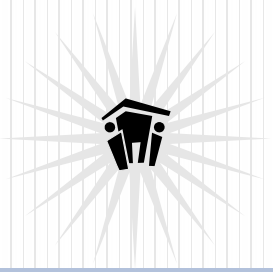


Buckling of
floors



Creates an inviting
environment for
bugs

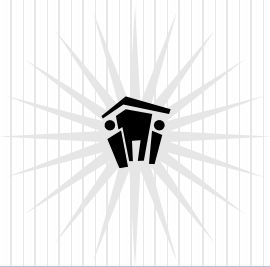




What can we do to help ?

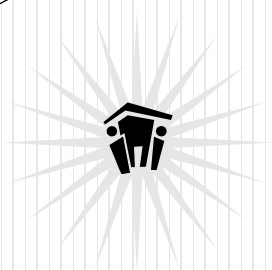
- Thoughts?
- Suggestions ?





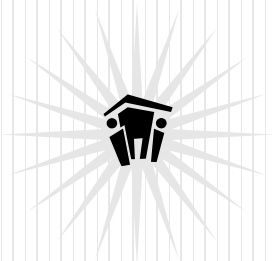
Ways to improve air flow:

- ☐ Educate Tenants and Building Operators on perils of poor air circulation
- ☐ Prohibit door socks and taping over bathroom vents
- ☐ Clean CAR devices at least once a year (have part of annual maintenance program)
- ☐ Other ideas ?

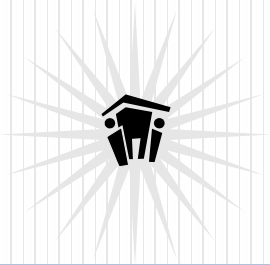


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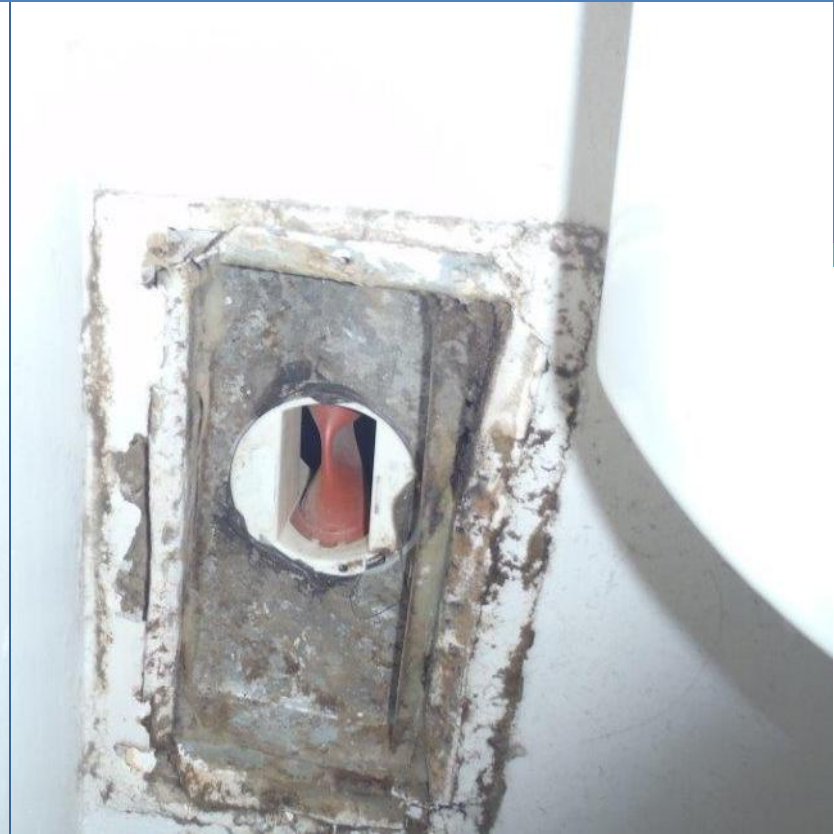
Ways to improve air flow—
Other ideas?



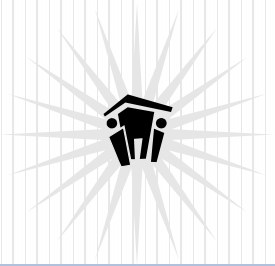
Maintenance of CARS (1900 3rd Street)



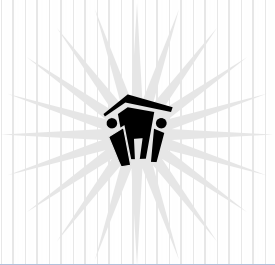
Before cleaning



After cleaning



Questions ?



Thank You !

